

The following claims are presented for examination:

1. **(currently amended)** A power amplifier ~~including~~ comprising a resistive element connected at an output thereof to maintain a low impedance at the output across a range of operational frequencies.

2. **(currently amended)** ~~A power amplifier according to~~ The power amplifier of claim 1 further including a transistor for receiving a signal to be amplified at an input and for providing an amplified signal at the output.

3. **(currently amended)** ~~A power amplifier according to~~ The power amplifier of claim 1 ~~or claim 2~~ wherein the output is adapted for connection to a modulated power supply.

4. **(currently amended)** ~~A power amplifier circuit according to~~ The power amplifier of claim 3 wherein the output is adapted for connection to a modulated power supply via a supply feed inductance.

5. **(currently amended)** ~~A power amplifier circuit according to any preceding claim~~ The power amplifier of claim 1 wherein said resistive element comprises a resistor.

6. **(currently amended)** ~~A power amplifier circuit according to any preceding claim~~ The power amplifier of claim 1 further comprising a reactive element connected in series with said resistive element.

7. **(currently amended)** ~~A power amplifier circuit according to~~ The power amplifier of claim 6 wherein said reactive element comprises a capacitive element or an inductive element in series with a capacitive element.

8. **(currently amended)** ~~A power amplifier circuit according to~~ The power amplifier of claim 7 wherein said inductive element comprises a conductive element of said circuit.

9. **(currently amended)** ~~A power amplifier according to~~ The power amplifier of claim 8 wherein said conductive element comprises a part of a conductive track or a bond wire.

10. **(currently amended)** ~~A power amplifier according to any one of claims 7 to 9~~ The power amplifier of claim 7 wherein said inductive element comprises an inductor.

11. **(currently amended)** ~~A power amplifier according to any one of claims 7 to 10~~ The power amplifier of claim 7 wherein said capacitive element comprises a capacitor.

12. **(currently amended)** ~~A power amplifier according to any one of claims 2 to 11~~ The power amplifier of claim 2 wherein the signal to be amplified is a radio frequency signal.

13. **(currently amended)** A power amplifier circuit comprising:
a transistor for receiving a signal to be amplified at an input and for outputting an amplified signal at an output;
a modulated power supply connected to the transistor output; and
a resistive element connected at the transistor output such that a low impedance is maintained at the transistor output across a range of operational frequencies.

14. **(currently amended)** A method of maintaining a low impedance across a range of operational frequencies in a power amplifier, the method ~~including~~ comprising providing a resistive element at an output of the power amplifier.

15. **(currently amended)** ~~A method according to~~ The method of claim 14 further comprising ~~the step of~~ providing a reactive element connected in series with said resistive element.